



FIG. 1

		WDM GROUP	CHANNEL NUMBER	F (THz)	λ (nm)		
200	XC-BAND	1	1	196.200	1527.994	201	
			2	196.100	1528.773		
			3	196.000	1529.553		
			4	195.900	1530.334		
				195.800	1531.116	211	
				195.700	1531.898		
			2	5	195.600	1532.681	202
				6	195.500	1533.465	
		7		195.400	1534.250		
		8		195.300	1535.036		
				195.200	1535.822	212	
				195.100	1536.609		
			3	9	195.000	1537.397	203
				10	194.900	1538.186	
		11		195.800	1538.976		
		12		194.700	1539.766		
				194.600	1540.557	213	
				194.500	1541.349		
			4	13	194.400	1542.142	204
				14	194.300	1542.936	
		15		194.200	1543.730		
		16		194.100	1544.526		
				194.000	1545.322	214	
				193.900	1546.119		
				193.800	1546.917		
				193.700	1547.715		
		5	17	193.600	1548.515	205	
			18	193.500	1549.315		
			19	193.400	1550.116		
			20	193.300	1550.918		
				193.200	1551.721	215	
				193.100	1552.524		
6	21		193.000	1553.329	206		
	22		192.900	1554.134			
	23	192.800	1554.940				
	24	192.700	1555.747				
		192.600	1556.555	216			
		192.500	1557.363				
	7	25	192.400	1558.173	207		
		26	192.300	1558.983			
27		192.200	1559.794				
28		192.100	1560.606				
		192.000	1561.419	217			
		191.900	1562.233				
	8	29	191.800	1563.047	208		
		30	191.700	1563.863			
31		191.600	1564.679				
32		191.500	1565.496				
32 OADM CHANNELS WITH 32 TOTAL CHANNELS							

FIG.2A

300

		WDM GROUP	CHANNEL NUMBER	F (THz)	λ (nm)
x-C-BAND	1	<u>301</u>	1	196.200	1527.994
			2	196.100	1528.773
			3	196.000	1529.553
			4	195.900	1530.334
	<u>311</u>			195.800	1531.116
				195.700	1531.898
	2	<u>302</u>	5	195.600	1532.681
			6	195.500	1533.465
			7	195.400	1534.250
			8	195.300	1535.036
	<u>312</u>			195.200	1535.822
				195.100	1536.609
	3	<u>303</u>	9	195.000	1537.397
			10	194.900	1538.186
			11	195.800	1538.976
			12	194.700	1539.766
	4	<u>304</u>	13	194.600	1540.557
			14	194.500	1541.349
			15	194.400	1542.142
			16	194.300	1542.936
	5	<u>305</u>	17	194.200	1543.730
			18	194.100	1544.526
			19	194.000	1545.322
			20	193.900	1546.119
	6	<u>306</u>	21	193.800	1546.917
			22	193.700	1547.715
			23	193.600	1548.515
			24	193.500	1549.315
	7	<u>307</u>	25	193.400	1550.116
			26	193.300	1550.918
			27	193.200	1551.721
			28	193.100	1552.524
	8	<u>308</u>	29	193.000	1553.329
			30	192.900	1554.134
			31	192.800	1554.940
			32	192.700	1555.747
	<u>313</u>			192.600	1556.555
				192.500	1557.363
	9	<u>309</u>	33	192.400	1558.173
			34	192.300	1558.983
			35	192.200	1559.794
			36	192.100	1560.606
	<u>314</u>			192.000	1561.419
				191.900	1562.233
	10	<u>310</u>	37	191.800	1563.047
			38	191.700	1563.863
			39	191.600	1564.679
			40	191.500	1565.496
16 OADM CHANNELS WITH 40 TOTAL CHANNELS					

FIG.2B